

Mouse L1-Cell Adhesion Molecule (L1CAM) RTU ELISA Kit | L1CAM rtu elisa kit

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CATALOG #
AAA23966

REACTIVITY
Mouse

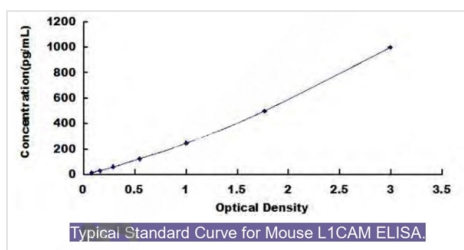
PRODUCT SYNONYMS

L1-Cell Adhesion Molecule (L1CAM); Mouse L1-Cell Adhesion Molecule (L1CAM) ELISA Kit; CD171; L1-CAM; CAML1; HSAS; HSAS1; MASA; MIC5; N-CAML1; S10; SPG1; Antigen Identified By Monoclonal Antibody R1; L1CAM rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of L1CAM. No significant cross-reactivity or interference between L1CAM and analogues was observed.
Sequence Length	1260
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma or other biological fluids
Detection Range	15.6-1000pg/mL
Sensitivity	< 6.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level L1CAM were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level L1CAM were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for L1CAM rtu elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to L1CAM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to L1CAM. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain L1CAM, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of L1CAM in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of L1CAM in mouse serum, plasma or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115558
NCBI GeneID	16728
UniProt Accession #	P11627
Molecular Weight	140,969 Da
NCBI Official Full Name	Neural cell adhesion molecule L1
NCBI Official Synonym Full Names	L1 cell adhesion molecule
NCBI Official Symbol	L1cam
NCBI Official Synonym Symbols	L1; CD171; NCAM-L1; N-CAM-L1
NCBI Protein Information	neural cell adhesion molecule L1
UniProt Protein Name	Neural cell adhesion molecule L1
UniProt Gene Name	L1cam
UniProt Synonym Gene Names	Caml1; N-CAM-L1; NCAM-L1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-rtu-elisa-kits/l1-cell-adhesion-molecule-l1cam/23966>